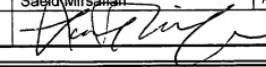


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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>		Attorney Docket No. <b>29926/39498</b>
		First Inventor <b>Sun-Kwon Lee</b>
		Title <b>SEMICONDUCTOR DEVICE CAPABLE OF PREVENTING A PATTERN COLLAPSE</b>
		Express Mail Label No. <b>EV323777391US</b>



<b>APPLICATION ELEMENTS</b>		<b>ADDRESS TO:</b> MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
<p>See MPEP chapter 600 concerning utility patent application contents.</p> <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification <b>[Total Pages 11]</b> (preferred arrangement set forth below)            - Descriptive title of the invention            - Cross Reference to Related Applications            - Statement Regarding Fed Sponsored R &amp; D            - Reference to sequence listing, a table, or a computer program listing appendix            - Background of the Invention            - Brief Summary of the Invention            - Brief Description of the Drawings (if filed)            - Detailed Description            - Abstract of the Disclosure</p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <b>[Total Sheets 5]</b></p> <p>5. Oath or Declaration <b>[Total Sheets 1]</b>  <input type="checkbox"/> Newly executed (original or copy)  <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))            (for continuation/divisional) with Box 18 completed            i. <input type="checkbox"/> DELETION OF INVENTOR(S)            Signed statement attached deleting            inventor(s) named in the prior application,            see 37 CFR 1.63(d) and 1.33(b).</p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p>			
<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)            a. <input type="checkbox"/> Computer Readable Form (CRF)            b. Specification Sequence Listing on:            i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper            c. <input type="checkbox"/> Statements verifying identity of above copies</p>			
<b>ACCOMPANYING APPLICATIONS PARTS</b>			
<p>9. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(d) Statement <input type="checkbox"/> Attorney (when there is an assignee)</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) 2002-84591 Korea (if foreign priority is claimed)</p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/5 or its equivalent.</p> <p>17. <input type="checkbox"/> Other: _____</p>			
<p>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76.</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: _____</p> <p>Prior application information: Examiner _____ Art Unit: _____</p> <p>For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>			
<b>19. CORRESPONDENCE ADDRESS</b>			
<input type="checkbox"/> Customer Number or Bar Code Label / _____		<b>04743</b> <input type="checkbox"/> Correspondence address below	
Name	MARSHALL, GERSTEIN & BORUN Michael R. Hull		
Address	233 S. Wacker Drive, Suite 6300 Sears Tower		
City	Chicago	State	IL Zip Code <b>60606-6357</b>
Country	US	Telephone	<b>(312) 474-6300</b> Fax <b>(312) 474-0448</b>
Name (Print/Type)	Saeed Mirsafian	Registration No. (Attorney/Agent)	<b>52,035</b>
Signature			

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Dated: July 30, 2003

Signature:  (Richard Zimmermann)

142-10 U.S. PTO  
07/30/03

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FEE TRANSMITTAL for FY 2003		Complete if Known	
Effective 01/01/2003. Patent fees are subject to annual revision.		Application Number	Not Yet Assigned
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		Filing Date	Concurrently Herewith
TOTAL AMOUNT OF PAYMENT (\$ 750.00)		First Named Inventor	Sun-Kwon Lee
		Examiner Name	Not Yet Assigned
		Art Unit	Not Yet Assigned
		Attorney Docket No.	29926/39498

METHOD OF PAYMENT (check all that apply)					FEE CALCULATION (continued)				
<input checked="" type="checkbox"/> Check	<input type="checkbox"/> Credit Card	<input type="checkbox"/> Money Order	<input type="checkbox"/> Other	<input type="checkbox"/> None	3. ADDITIONAL FEES				
<input type="checkbox"/> Deposit Account					Large Entity	Small Entity	Fee Description		
13-2855					Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Paid
MARSHALL, GERSTEIN & BORUN					1051	130	2051	65	Surcharge - late filing fee or oath
The Director is hereby authorized to: (check all that apply)					1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.
<input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments					1053	130	1053	130	Non-English specification
<input type="checkbox"/> Charge any additional fee(s) during the pendency of this application					1812	2,520	1812	2,520	For filing a request for ex parte reexamination
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.					1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action
					1805	1,840*	1805	1,840	Requesting publication of SIR after Examiner action
					1251	110	2251	55	Extension for reply within first month
					1252	410	2252	205	Extension for reply within second month
					1253	930	2253	465	Extension for reply within third month
					1254	1,450	2254	725	Extension for reply within fourth month
					1255	1,970	2255	985	Extension for reply within fifth month
					1401	320	2401	160	Notice of Appeal
					1402	320	2402	160	Filing a brief in support of an appeal
					1403	280	2403	140	Request for oral hearing
					1451	1,510	1451	1,510	Petition to institute a public use proceeding
					1452	110	2452	55	Petition to revive - unavoidable
					1453	1,300	2453	650	Petition to revive - unintentional
					1501	1,300	2501	650	Utility issue fee (or reissue)
					1502	470	2502	235	Design issue fee
					1503	630	2503	315	Plant issue fee
					1460	130	1460	130	Petitions to the Commissioner
					1807	50	1807	50	Processing fee under 37 CFR 1.17(q)
					1806	180	1806	180	Submission of Information Disclosure Stmt
					8021	40	8021	40	Recording each patent assignment per property (times number of assignments)
					1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(e))
					1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))
					1801	750	2801	375	Request for Continued Examination (RCE)
					1802	900	1802	900	Request for expedited examination of a design application
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE					Other fee (specify)				
Total Claims 8 - 20** = <input checked="" type="checkbox"/> x <input type="checkbox"/> = 0.00									
Independent Claims 1 - 3** = <input checked="" type="checkbox"/> x <input type="checkbox"/> = 0.00									
Multiple Dependent <input type="checkbox"/> = 0.00									
3. BASIC FILING FEE					SUBTOTAL (1) (\$ 750.00)				
Large Entity Small Entity					SUBTOTAL (2) (\$ 0.00)				
Fee Code (\$ ) Fee Code (\$ ) Fee Description					SUBTOTAL (3) (\$ 0.00)				
1001 750 2001 375 Utility filing fee					0.00				
1002 330 2002 165 Design filing fee					0.00				
1003 520 2003 260 Plant filing fee					0.00				
1004 750 2004 375 Reissue filing fee					0.00				
1005 160 2005 80 Provisional filing fee					0.00				
SUBTOTAL (1) (\$ 750.00)					0.00				
4. EXTRA CLAIM FEES FOR UTILITY AND REISSUE					SUBTOTAL (2) (\$ 0.00)				
Large Entity Small Entity					SUBTOTAL (3) (\$ 0.00)				
Fee Code (\$ ) Fee Code (\$ ) Fee Description					0.00				
1202 18 2202 9 Claims in excess of 20					0.00				
1201 84 2201 42 Independent claims in excess of 3					0.00				
1203 280 2203 140 Multiple dependent claim, if not paid over original patent					0.00				
1204 84 2204 42 ** Reissue independent claims over original patent					0.00				
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent					0.00				
SUBTOTAL (2) (\$ 0.00)					0.00				
*Reduced by Basic Filing Fee Paid									

\*\*or number previously paid, if greater; For Reissues, see above

SUBMITTED BY		Complete if applicable		
Name (Print/Type)	Saeid Mirsafian	Registration No (Attorney/Agent)	52,035	Telephone (312) 474-6639
Signature			Date	July 30, 2003

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Dated: July 30, 2003

Signature:  (Richard Zimmermann)

Application No. (if known):

Attorney Docket No.: 29926/39498

## **Certificate of Express Mailing Under 37 CFR 1.10**

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on July 30, 2003  
Date



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Signature

Richard Zimmermann  
Typed or printed name of person signing Certificate

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Application Data Sheet